

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	51	opposing adj promoter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/19 13:20
L3	70	bidirectional adj transcription	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/19 13:21
L4	61446	ribozyme antisense	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/19 13:22
L5	59	I4 and I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/19 13:23
L6	3259	Pol adj III	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/19 13:23
L7	1	I6 and I5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/19 13:23
S1	58	conrad.in. and antisense	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/19 13:19
S3	3	conrad.in. and sirna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/10 16:08
S4	1	conrad.in. and bidirectional promoter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/10 16:10
S5	0	conrad.in. and pol adj III	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/10 16:10

S6	0	conrad.in. and RNA adj polymerase adj III	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/10 16:11
S7	2	"5017488".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/10 16:11
S9	4	kaykas.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/10 16:26
S12	7	moon adj randall.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/10 16:29
S13	1036	Rna adj polymerase adj III	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/10 16:30
S14	212	Rna adj polymerase adj III adj promoter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/10 16:31
S15	161	bidirectional adj promoter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/10 16:31
S16	76380	expression adj vector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/10 16:31
S17	104	S16 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/10 16:32
S18	0	S17 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/10 16:32

S19	0	S17 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/10 16:32
S20	0	S17 and sirna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/10 16:32
S21	97	S14 and sirna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/10 16:33
S22	161	bidirectional adj promoter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 12:14
S23	76543	expression adj vector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:14
S24	1190	(rna adj polymerase adj III) or (rna adj pol adj III)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:15
S25	57	stable with expression with sirna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:16
S27	62412	sirna or dsrna or antisense or ribozyme	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:17
S28	342994	u6 or h1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:18
S29	274	(dual or opposing) adj (promoter or promoters)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:19

S32	0	S22 and S23 and S24 and S25 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:25
S33	0	S22 and S23 and S24 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:26
S34	0	S22 and S23 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:26
S35	104	S22 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:44
S36	1	S22 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:26
S37	50	opposing adj promoter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:30
S38	39	S37 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:38
S39	10	S38 and pol adj III	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:46
S40	2	wo-9953050-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:44
S41	15	S37 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 11:46

S44	0	kaykas adj a.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 12:31
S45	4	kaykas.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 12:31
S46	7	moon adj randall.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 12:31
S47	433	intracellular with expression with (siRNA or dsRNA or rna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 13:37
S48	30	S47 and (opposing or bidirectional)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 13:09
S49	770	graham.in. and gene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 13:37
S50	227	graham.in. and gene adj expression	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 13:40
S52	20	graham adj michael adj wayne.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 13:42
S53	1	S52 and u6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 13:44
S54	1	S52 and Pol adj III	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 13:44

S55	161	bidirectional adj promoter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/11 16:28
S56	76543	expression adj vector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/11 16:28
S57	104	S56 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/11 16:28
S58	1	wo-2003020931-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/08/11 16:29
S59	161	bidirectional adj promoter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 16:33
S60	3	arts.in. and sirna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 16:36
S61	0	S60 and bidirectional	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 16:36
S62	1	S60 and dual	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 16:36
S63	304	turner.in. and rna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 17:07
S64	0	pachuck.in. and rna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 17:08

S65	0	pachuck.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 17:08
S66	37	pachuk.in. and rna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 17:08

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| E3 | 0 | --> KAYKAS A/BI |
| E4 | 1 | KAYKATY/BI |
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| E6 | 1 | KAYKAYAE/BI |
| E7 | 1 | KAYKAZKOGO/BI |
| E8 | 30 | KAYKE/BI |
| E9 | 1 | KAYKETYGVSHITRHDMLOIPKOQONEK/BI |

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E11 1 KAYKIAN/BI
E12 1 KAYKIO/BI

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8 FILES HAVE ONE OR MORE ANSWERS, 74 FILES SEARCHED IN STNINDEX

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L2 9 L1

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L2 ANSWER 1 OF 9 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN
TI A plasmid-based system for expressing small interfering RNA libraries in mammalian cells.
SO BMC Cell Biology, (30 Apr 2004) Vol. 5, pp. 11p.
Refs: 23
ISSN: 1471-2121 CODEN: BCBMAY
URL: <http://www.biomedcentral.com/1471-2121/5/16>

=> d ti so l2 1-9

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on STN
TI High Physiological Levels of LMP1 Result in Phosphorylation of eIF2.alpha.
in Epstein-Barr Virus-Infected Cells.
SO Journal of Virology, (2004) Vol. 78, No. 4, pp. 1657-1664.
Refs: 39
ISSN: 0022-538X CODEN: JOVIAM

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TI High physiological levels of LMP1 result in phosphorylation of eIF2alpha
in epstein-barr virus-infected cells.
SO Journal of Virology, (February 2004) Vol. 78, No. 4, pp. 1657-1664.
print.
ISSN: 0022-538X (ISSN print).

L2 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
 TI High physiological levels of LMP1 result in phosphorylation of eIF2.alpha.
 in Epstein-Barr virus-infected cells
 SO Journal of Virology (2004), 78(4), 1657-1664
 CODEN: JOVIAM; ISSN: 0022-538X

L2 ANSWER 5 OF 9 MEDLINE on STN
 TI High physiological levels of LMP1 result in phosphorylation of eIF2 alpha
 in Epstein-Barr virus-infected cells.
 SO Journal of virology, (2004 Feb) 78 (4) 1657-64.
 Journal code: 0113724. ISSN: 0022-538X.

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 TI High Physiological Levels of LMP1 Result in Phosphorylation of eIF2.alpha. in Epstein-Barr Virus-Infected Cells
 SO Journal of Virology, (2004), 78/4 (1657-1664), 39 reference(s)
 CODEN: JOVIAM ISSN: 0022-538X

L2 ANSWER 7 OF 9 LIFESCI COPYRIGHT 2005 CSA on STN
 TI High Physiological Levels of LMP1 Result in Phosphorylation of eIF2 alpha
 in Epstein-Barr Virus-Infected Cells
 SO Journal of Virology [J. Virol.], (20040200) vol. 78, no. 4, pp.
 1657-1664.
 ISSN: 0022-538X.

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 TIEN High physiological levels of LMP1 result in phosphorylation of eIF2.alpha. in Epstein-Barr virus-infected cells
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 TI High physiological levels of LMP1 result in phosphorylation of eIF2 alpha
 in Epstein-Barr virus-infected cells
 SO JOURNAL OF VIROLOGY, (FEB 2004) Vol. 78, No. 4, pp. 1657-1664.
 ISSN: 0022-538X.

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=> s e2 and sirna

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| 1 | FILE EMBASE |
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| 6 | FILE PROMT |
| 22 | FILE USPATFULL |

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L3 QUE MOON/BI AND SIRNA

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L4      8 L3

=> d ti so 1-8

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TI      APPOINTMENTS AND ADVANCEMENTS.
SO      BIOWORLD Today, (20 Sep 2004) Vol. 15, No. 181.

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TI      PR Newswire National Summary, Tuesday, Nov. 4, Midnight to 10 a.m.
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SO      PR Newswire, (4 Nov 2003) .

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SO      PR Newswire, (15 Sep 2003) .

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SO      PR Newswire, (9 Sep 2003) .

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TI      Biotech Is Back! Great News on the Product Front and a Rebound in
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Capital Markets Has Reignited Investor Enthusiasm ...
SO      PR Newswire, (24 Jun 2003) pp. SFTU07524062003.

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TI PR Newswire National Summary, Thursday, March 20, Midnight to 10 a.m. ET.
SO PR Newswire, (20 Mar 2003) pp. HSNATL120032003.

L4 ANSWER 7 OF 8 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.

on STN

TI A plasmid-based system for expressing small interfering RNA libraries in mammalian cells.

SO BMC Cell Biology, (30 Apr 2004) Vol. 5, pp. 11p.

Refs: 23

ISSN: 1471-2121 CODEN: BCBMAY

URL: <http://www.biomedcentral.com/1471-2121/5/16>

L4 ANSWER 8 OF 8 PASCAL COPYRIGHT 2005 INIST-CNRS. ALL RIGHTS RESERVED. on STN

TIEN Requirement of NeuroD for photoreceptor formation in the chick retina

SO Investigative ophthalmology & visual science, (2004), 45(1), 48-58, 61

refs.

ISSN: 0146-0404 CODEN: IOVSDA

=> d bib abs 14 5

L4 ANSWER 5 OF 8 PROMT COPYRIGHT 2005 Gale Group on STN

AN 2003:361743 PROMT

TI Biotech Is Back! Great News on the Product Front and a Rebound in the Capital Markets Has Reignited Investor Enthusiasm ...

SO PR Newswire, (24 Jun 2003) pp. SFTU07524062003.

PB PR Newswire Association, Inc.

DT Newsletter

LA English

WC 5289

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB SAN FRANCISCO -- SAN FRANCISCO, June 24 /PRNewswire/ -- "Strong earnings, significant product approvals, steady deal flow, and now interest blossoming on Wall Street (again) -- the biotech industry is

is showing that it has what it takes ... and investors are buying," said G.

Steven Burrill, CEO of Burrill & Company, a San Francisco-based life

sciences merchant bank. Since the start of 2003, the Burrill Biotech

Select Index has risen nearly 50%, outperforming both the DJIA (up 12%

YTD) and the NASDAQ (up 25% YTD). "While we haven't seen this level of

investor enthusiasm since the genomics 'bubble', we're by no means back to

those extraordinary values nor on the cusp of a new bubble ... just at the

start of a recovery from the massive biotech devaluation of the last three

years," Burrill commented. "At the end of June 2000, the market

capitalization for the biotech industry was \$475 billion, while at close of business on June 16, it was \$301 billion, still off by more than 35%," he said.

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=> d bib abs 14 6

L4 ANSWER 6 OF 8 PROMT COPYRIGHT 2005 Gale Group on STN

AN 2003:68117 PROMT

TI PR Newswire National Summary, Thursday, March 20, Midnight to 10 a.m. ET.

SO PR Newswire, (20 Mar 2003) pp. HSNATL120032003.

PB PR Newswire Association, Inc.

DT Newsletter

LA English

WC 4537

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB -- Following is a summary of news releases transmitted between midnight

and 10 a.m. by PR Newswire. The full text of these releases is available

at the PR Newswire for Journalists, <http://media.prnewswire.com/>.

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=> index biosci

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 15.31 | 53.50 |

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS,
BIOTECHDHS,
BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI,
CROPB,
CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 12:46:23 ON 11
AUG 2005

74 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s opposing(a)(promoter or promoters)

| | |
|----|-----------------|
| 1 | FILE BIOENG |
| 6 | FILE BIOSIS |
| 3 | FILE BIOTECHABS |
| 3 | FILE BIOTECHDHS |
| 6 | FILE BIOTECHNO |
| 2 | FILE CABA |
| 13 | FILE CAPLUS |
| 1 | FILE CEABA-VTB |
| 37 | FILE DGENE |

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3   FILE DISSABS  
8   FILE EMBASE  
5   FILE ESBIOBASE  
1   FILE FEDRIP  
35 FILES SEARCHED...  
2   FILE IFIPAT  
5   FILE LIFESCI  
7   FILE MEDLINE  
1   FILE PASCAL  
7   FILE SCISEARCH  
2   FILE TOXCENTER  
43  FILE USPATFULL  
4   FILE USPAT2  
3   FILE WPIDS  
3   FILE WPINDEX
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23 FILES HAVE ONE OR MORE ANSWERS, 74 FILES SEARCHED IN STNINDEX

L5 QUE OPPOSING(A) (PROMOTER OR PROMOTERS)

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=> s expression(a)vector  
39   FILE ADISCTI  
21   FILE ADISINSIGHT  
8    FILE ADISNEWS  
669  FILE AGRICOLA  
18   FILE ANABSTR  
5    FILE ANTE  
6    FILE AQUALINE  
150  FILE AQUASCI  
402  FILE BIOBUSINESS  
194  FILE BIOCOMMERCE  
1620  FILE BIOENG  
18245 FILE BIOSIS  
25754 FILE BIOTECHABS  
25754 FILE BIOTECHDS  
12121 FILE BIOTECHNO  
2124  FILE CABA  
3449  FILE CANCERLIT  
20026 FILE CAPLUS  
851   FILE CEABA-VTB  
1    FILE CEN  
81   FILE CIN  
48   FILE CONFSCI  
65   FILE CROPU  
311  FILE DDFU  
159742 FILE DGENE  
27 FILES SEARCHED...  
1005  FILE DISSABS  
905   FILE DRUGU  
112   FILE EMBAL  
13095  FILE EMBASE  
5252  FILE ESBIOBASE  
2191  FILE FEDRIP  
60    FILE FROSTI  
253   FILE FSTA  
32887  FILE GENBANK  
2    FILE HEALSAFE  
13000  FILE IFIPAT  
12    FILE IMSDRUGNEWS  
40    FILE IMSRESEARCH  
588   FILE JICST-EPLUS
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9 FILE KOSMET
5640 FILE LIFESCI
10206 FILE MEDLINE
9 FILE NIOSHTIC
130 FILE NTIS
38 FILE OCEAN
3058 FILE PASCAL
10 FILE PHAR
4 FILE PHARMAML
44 FILE PHIN
471 FILE PROMT
7 FILE PROUSSDR
1 FILE RDISCLOSURE
8602 FILE SCISEARCH
7707 FILE TOXCENTER
51658 FILE USPATFULL
67 FILES SEARCHED...
3707 FILE USPAT2
79 FILE VETU
7 FILE WATER
12944 FILE WPIDS
21 FILE WPIFV
12944 FILE WPINDEX

61 FILES HAVE ONE OR MORE ANSWERS, 74 FILES SEARCHED IN STNINDEX

L6 QUE EXPRESSION(A) VECTOR

=> s sirna
47 FILE ADISINSIGHT
6 FILE ADISNEWS
25 FILE AGRICOLA
1 FILE ANABSTR
5 FILE AQUASCI
14 FILE BIOCOMMERCE
241 FILE BIOENG
1844 FILE BIOSIS
960 FILE BIOTECHABS
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291 FILE BIOTECHNO
87 FILE CABA
26 FILE CANCERLIT
3370 FILE CAPLUS
27 FILE CEABA-VTB
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424 FILE DDFU
108376 FILE DGENE
96 FILE DISSABS
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179 FILE EMBAL
1494 FILE EMBASE
1371 FILE ESBIOBASE
282 FILE FEDRIP
3342 FILE GENBANK
621 FILE IFIPAT
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75 FILE IMSRESEARCH
191 FILE JICST-EPLUS
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29 FILE PHARMAML
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133 FILE PHIN
852 FILE PROMT
3 FILE PROUSDDR
63 FILES SEARCHED...
2011 FILE SCISEARCH
1058 FILE TOXCENTER
1346 FILE USPATFULL
9 FILE USPAT2
803 FILE WPIDS
31 FILE WPIFV
803 FILE WPINDEX

49 FILES HAVE ONE OR MORE ANSWERS, 74 FILES SEARCHED IN STNINDEX

L7 QUE SIRNA

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(FILE 'HOME' ENTERED AT 12:35:54 ON 11 AUG 2005)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE,
AQUALINE,
AQUASCI, BIOPARTNERS, BIOPARTNERS, BIOENG, BIOSIS, BIOTECHABS,
BIOTECHDS,
BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI,
CROPB,
CROPUS, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 12:36:28 ON 11
AUG 2005

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1 FILE BIOSIS
1 FILE CAPLUS
2 FILE EMBASE
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1 FILE MEDLINE
1 FILE PASCAL
1 FILE SCISEARCH

L1 QUE KAYKAS/BI

FILE 'EMBASE, BIOSIS, CAPLUS, MEDLINE, ESBIOBASE, LIFESCI, PASCAL,
SCISEARCH' ENTERED AT 12:38:48 ON 11 AUG 2005

L2 9 S L1

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE,
AQUALINE,
AQUASCI, BIOPARTNERS, BIOPARTNERS, BIOENG, BIOSIS, BIOTECHABS,
BIOTECHDS,
BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI,
CROPB,
CROPUS, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 12:40:41 ON 11
AUG 2005

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22 FILE USPATFULL
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L4 FILE 'PROMT, EMBASE, PASCAL' ENTERED AT 12:43:51 ON 11 AUG 2005
8 S L3

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE,
AQUALINE,
AQUASCI, BIOBUSINESS, BIOCOMMÈRE, BIOENG, BIOSIS, BIOTECHABS,
BIOTECHDS,
BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI,
CROPB,
CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 12:46:23 ON 11
AUG 2005

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3 FILE BIOTECHDS
6 FILE BIOTECHNO
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1 FILE CEABA-VTB
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3 FILE DISSABS
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5 FILE LIFESCI
7 FILE MEDLINE
1 FILE PASCAL
7 FILE SCISEARCH
2 FILE TOXCENTER
43 FILE USPATFULL
4 FILE USPAT2
3 FILE WPIDS
3 FILE WPINDEX

L5 QUE OPPOSING(A) (PROMOTER OR PROMOTERS)

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402 FILE BIOBUSINESS

194 FILE BIOCOMMERCE
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32887 FILE GENBANK
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L6 QUE EXPRESSION(A) . VECTOR

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83 FILE PCTGEN
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852 FILE PROMT
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2011 FILE SCISEARCH
1058 FILE TOXCENTER
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803 FILE WPIDS
31 FILE WPIFV
803 FILE WPINDEX

L7 QUE SIRNA

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1 FILE BIOTECHABS
1 FILE BIOTECHDS
1 FILE CAPLUS
17 FILE DGENE
27 FILES SEARCHED...
2 FILE EMBASE
1 FILE MEDLINE
11 FILE USPATFULL
67 FILES SEARCHED...
1 FILE WPIDS
1 FILE WPINDEX

9 FILES HAVE ONE OR MORE ANSWERS, 74 FILES SEARCHED IN STNINDEX

L8 QUE L5 AND L6 AND L7

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| F1 | 17 | DGENE |
| F2 | 11 | USPATFULL |
| F3 | 2 | EMBASE |
| F4 | 1 | BIOTECHABS |
| F5 | 1 | BIOTECHDS |
| F6 | 1 | CAPLUS |
| F7 | 1 | MEDLINE |
| F8 | 1 | WPIDS |
| F9 | 1 | WPINDEX |

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|--|------------|---------|
| => file dgene embase biotechabs biotechds caplus medline wpids wpindex | SINCE FILE | TOTAL |
| COST IN U.S. DOLLARS | ENTRY | SESSION |
| FULL ESTIMATED COST | 5.31 | 58.81 |

FILE 'DGENE' ENTERED AT 12:51:49 ON 11 AUG 2005
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FILE 'WPIDS' ENTERED AT 12:51:49 ON 11 AUG 2005
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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s 18
L9 23 L8

=> dup rem
ENTER L# LIST OR (END):19
DUPLICATE IS NOT AVAILABLE IN 'DGENE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L9
L10 20 DUP REM L9 (3 DUPLICATES REMOVED)

=> dis ti so l10 1-20

L10 ANSWER 1 OF 20 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS
RESERVED.
on STN DUPLICATE 1
TI Cost-effective method of ***siRNA*** preparation and its
application
to inhibit hepatitis B virus replication in HepG2 cells.

SO World Journal of Gastroenterology, (7 Mar 2005) Vol. 11, No. 9, pp. 1297-1302.
Refs: 31
ISSN: 1007-9327 CODEN: WJGAF2

L10 ANSWER 2 OF 20 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
TI Preparing small interfering RNA library for treating e.g. cancer,
by producing random oligoDNAs that can be cloned into vectors
containing site-specific recombinase sites for generating inverted repeats of
the sequence in host cells;
for use in cancer prevention, gene therapy, RNA interference
and functional genomics

L10 ANSWER 3 OF 20 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.

on STN
TI An approach to genomewide screens of expressed small interfering RNAs in mammalian cells.
SO Proceedings of the National Academy of Sciences of the United States of America, (2004) Vol. 101, No. 1, pp. 135-140.
Refs: 33
ISSN: 0027-8424 CODEN: PNASA6

L10 ANSWER 4 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful for generating ***siRNA*** expression cassettes, comprises providing a polymerase extension reaction mixture and reacting the reagents of the mixture in at least two thermocycles.

L10 ANSWER 5 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful for generating ***siRNA*** expression cassettes, comprises providing a polymerase extension reaction mixture and reacting the reagents of the mixture in at least two thermocycles.

L10 ANSWER 6 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful for generating ***siRNA*** expression cassettes, comprises providing a polymerase extension reaction mixture and reacting the reagents of the mixture in at least two thermocycles.

L10 ANSWER 7 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful for generating ***siRNA*** expression cassettes, comprises providing a

polymerase extension reaction mixture and reacting the reagents of the mixture in at least two thermocycles.

L10 ANSWER 8 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful for generating ***siRNA*** expression cassettes, comprises providing a polymerase extension reaction mixture and reacting the reagents of the mixture in at least two thermocycles.

L10 ANSWER 9 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful for generating ***siRNA*** expression cassettes, comprises providing a polymerase extension reaction mixture and reacting the reagents of the mixture in at least two thermocycles.

L10 ANSWER 10 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful for generating ***siRNA*** expression cassettes, comprises providing a polymerase extension reaction mixture and reacting the reagents of the mixture in at least two thermocycles.

L10 ANSWER 11 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful for generating ***siRNA*** expression cassettes, comprises providing a polymerase extension reaction mixture and reacting the reagents of the mixture in at least two thermocycles.

L10 ANSWER 12 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful for generating ***siRNA*** expression cassettes, comprises providing a polymerase extension reaction mixture and reacting the reagents of the mixture in at least two thermocycles.

L10 ANSWER 13 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful for generating ***siRNA*** expression cassettes, comprises providing a polymerase extension reaction mixture and reacting the reagents of the mixture in at least two thermocycles.

L10 ANSWER 14 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful for

generating ***siRNA*** expression cassettes, comprises providing a polymerase extension reaction mixture and reacting the reagents of the mixture in at least two thermocycles.

L10 ANSWER 15 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful
for generating ***siRNA*** expression cassettes, comprises
providing a polymerase extension reaction mixture and reacting the reagents
of the mixture in at least two thermocycles.

L10 ANSWER 16 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful
for generating ***siRNA*** expression cassettes, comprises
providing a polymerase extension reaction mixture and reacting the reagents
of the mixture in at least two thermocycles.

L10 ANSWER 17 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful
for generating ***siRNA*** expression cassettes, comprises
providing a polymerase extension reaction mixture and reacting the reagents
of the mixture in at least two thermocycles.

L10 ANSWER 18 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful
for generating ***siRNA*** expression cassettes, comprises
providing a polymerase extension reaction mixture and reacting the reagents
of the mixture in at least two thermocycles.

L10 ANSWER 19 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful
for generating ***siRNA*** expression cassettes, comprises
providing a polymerase extension reaction mixture and reacting the reagents
of the mixture in at least two thermocycles.

L10 ANSWER 20 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI Producing two complementary strands of a tripartite DNA, useful
for generating ***siRNA*** expression cassettes, comprises
providing a polymerase extension reaction mixture and reacting the reagents
of the mixture in at least two thermocycles.

=> dis bib abs,110 20

L10 ANSWER 20 OF 20 DGENE COPYRIGHT 2005 The Thomson Corp on STN
AN ADY59053 DNA DGENE
TI Producing two complementary strands of a tripartite DNA, useful
for
generating ***siRNA*** expression cassettes, comprises
providing a
polymerase extension reaction mixture and reacting the reagents
of the
mixture in at least two thermocycles.
IN Zheng L; Ding S; Schultz P G
PA (SCRI) SCRIPPS RES INST.
PI WO 2005021733 A2 20050310 45
AI WO 2004-US28621 20040901
PRAI US 2003-499571P 20030902
DT Patent
LA English
OS 2005-214566 [22]
DESC Oligonucleotide encoding luciferase ***siRNA*** .
AN ADY59053 DNA DGENE
AB The invention provides methods for generating ***siRNA***
expression
cassettes. A novel dual promoter ***siRNA*** expression system
facilitates the construction of ***siRNA*** expression
libraries for
genome-wide screens. In some embodiments, a gene-specific
siRNA
sequence is inserted between 2 different ***opposing***
promoters . Upon transfection into mammalian cells, the
sense and
antisense strands of the ***siRNA*** duplex are transcribed by
these
2 ***opposing*** ***promoters*** from the same template,
resulting in a ***siRNA*** duplex. These siRNAs can be
incorporated
into the RNA-induced silencing complex (RISC) without any further
modification. The siRNAs transcribed by this vector can induce
strong
and specific gene suppression of endogenous or ectopically
expressed
genes. A single-step PCR protocol is described which allows for
the
production of ***siRNA*** expression cassettes in a high-
throughput
manner. These PCR-derived, non-hairpin-based ***siRNA***
expression
cassettes induce specific and strong suppression of endogenous and
ectopically expressed gene function when transfected into
mammalian
cells. In an example from the invention, gene-specific
siRNA
expression plasmids were constructed by annealing a pair of 35-37
base
oligonucleotides and ligating them into ***siRNA***
expression ***vector*** pDual. The oligonucleotides
contained 19-21 gene-specific nucleotides flanked by 5 As on the
5' side
and 5 Ts on the 3' side. Once transfected into mammalian cells,
the
sense and antisense strands were transcribed by 2

opposing
 promoters (U6 and H1) on the same template, resulting in
a 19-21 bp RNA duplex with a TT overhang at the 3' end, closely resembling
the Dicer digested product. The present sequence is that of a firefly
luciferase ***siRNA*** antisense strand-encoding
oligonucleotide used
to demonstrate this method.

=> log y

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 32.37 | 91.18 |

STN INTERNATIONAL LOGOFF AT 12:54:32 ON 11 AUG 2005